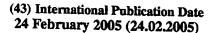
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(54) Title: BIOMARKERS IN CANCER

p-Tyr/erbB -2

p-Erk1/2

Erk1/2

0.5 2.5

2005/017493 A2 (57) Abstract: Biomarkers may be used in the treatment of cancer, and as an aid in clinical decision making regarding which anticancer therapy to use in a particular patient. Described herein are methods of assessing whether a subject with a solid tumor is suitable for treatment with a dual EGFR/erbB2 tyrosine kinase inhibitor, by assessing the relative localization of pERK or pAKT in tumor cells, and/or assessing pre-treatment tumor cell levels of ErbB2.